

WorldSkills UK Assistant Training Manager – Specialist Skills

Please review these in tandem with application guidance in the Assistant Training Managing information pack.

| WorldSkills Skill No. & Skill Name | Specialist Technical Skills |
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| 10. Welding | <p>An Assistant Training Manager for the WorldSkills Welding competition would need a range of specialist technical skills, including:</p> <ol style="list-style-type: none">1. MAG 135 on carbon steel materials, plate and pipe butt welds, plate and pipe fillet welds and corner fillet welds in all positions to a high visual and x-ray standard2. FCAW-G (136) on carbon steel materials (same as above)3. TIG 141 on carbon steel materials, pipe butts in all positions to a high visual and x-ray standard4. TIG 141 on 2mm & 3mm 300 series stainless steel materials, closed butt, corner and fillet welds in all positions to a high visual standard5. TIG 141 on 3mm 5000/6000 series aluminium materials, closed butt, corner and fillet welds in all positions to a high visual standard6. MMA 111 on carbon steel materials, plate and pipe butt welds, plate and pipe fillet welds and corner fillet welds in all positions using E7016 & E7018 electrodes to a high visual and x-ray standard7. In-depth understanding, appreciation and application of visual/NDT inspection standards such as ISO 5817 and ISO 100428. Knowledge, experience and application of processes developments such as 135 Pulse, 135 STT, 141 Pulse, etc. <p>More details are available here WorldSkills Occupational Standards - Welding</p> |